1939

EIGHTY-SIXTH REPORT

Lehigh Valley Railroad Company

For the Year Ended December 31, 1939



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Board of Directors

RICHARD W. BARRETT
BRANDON BARRINGER
COLBY M. CHESTER
MORRIS L. CLOTHIER
ALAN C. DODSON
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ALBERT N. WILLIAMS, Ex-Officio

Officers

A. N. WILLIAMS	President
R. W. BARRETTVICE PRESIDENT AND GENER.	AL COUNSEL
JOHN DUFFYVICE	PRESIDENT
H. R. GERMANSECRETARY AND	TREASURER
A. F. BAYFIELD	OMPTROLLER

EIGHTY-SIXTH REPORT

Bethlehem, Pa., March 6, 1940.

To the Stockholders of the Lehigh Valley Railroad Company:

The Board of Directors submits herewith its report for the year ended December 31, 1939:

The table of the INCOME	
Total Operating Revenues Total Operating Expenses	\$45,358,986.81 32,792,245.89
Net Operating Possess	\$12,566,740.92
Net Railway Operating Income.	5,417,415.18 7,149,325.74 796,487.93
Total Income	7,945,813.67 8,004,369.40
Net Income—Deficit	58,555.73
PROFIT AND LOSS Balance, December 31, 1938	14,714,911.28 58,555.73
Miscellaneous Balance, December 31, 1939 \$1	342,430.13
Gross Revenue for the year 1939 amounted to \$45	259 000

Gross Revenue for the year 1939 amounted to \$45,358,986, an increase of 10% compared with 1938.

Operating Expenses amounted to \$32,792,245, an increase of 4%, compared with 1938, and the operating ratio was 72%, compared with 76% in the two preceding years. Total taxes for the year accrued and charged against income amounted to \$3,422,838, while actual tax payments amounted to \$5,085,840.

Revenues from freight and passenger traffic increased during the year. While anthracite traffic was affected by conditions beyond the control of your Company, this was offset by increases in other freight. Although the war abroad occasioned a greater freight movement during the fall, general improvement was apparent throughout the year.

A six weeks' suspension at bituminous mines in the spring served to stimulate interest in anthracite and increased its movement during that period, but this was offset, with the beginning of summer, by a severe price war among several of the larger producers which continued almost to the close of the year. Coal was offered at drastic reductions and many of the larger operators on your line hesitated to enter the conflict and did so only where necessary to protect important markets. On the other hand, some of the operators suspended operations. As a result, production on your line was seriously affected and revenues suffered adversely.

As stated in the 1938 report, the Interstate Commerce Commission, as of February 10, 1939, authorized the increase in anthracite rates on that traffic moving wholly within the State of Pennsylvania, which that Commission had previously authorized on interstate business in March, 1938. This increase amounted to a maximum of 11¢ per gross ton.

During the year, eighteen steamers carrying cargoes of ore, principally, were unloaded at your Company's Claremont Terminal on New York Bay, Jersey City. Thirty-five steamers were loaded outbound with grain, steel and miscellaneous cargoes. It was necessary to dredge the ship channel at the Terminal to accommodate these heavy vessels.

Sixty-three new industries, forty-one of them served by sidings, were located along your railroad during the year. Fifteen new tenants took space in the Starrett-Lehigh Building in New York City during this period and eleven tenants leased additional space. Seven new tenants were located in the Bronx-Lehigh Building in New York City and two tenants leased additional space. There were .97 miles of new industrial siding installed during the year and 1.09 miles were taken over by your Company from the New York Central Railroad at Honeoye Falls, N. Y., following abandonment of that Company's Canandaigua Branch.

Passenger traffic was aided by the New York World's Fair and the placing in service late in the year of ten new and modern coaches. Decision to continue the Fair in the summer of 1940 will likewise be helpful. The Interstate Commerce Commission has ordered all Eastern railroads to reduce passenger coach fares to a maximum of 2ϕ a mile by March 24, 1940. Coach fares prior to this decision have been $2\frac{1}{2}\phi$ per mile.

Under the provisions of the Railroad Retirement Act, referred to in previous annual reports, your Company was required to pay to the

Internal Revenue Department 23% of salary and wage payments up to \$300 per month per employe. This amounted to \$552,157.38 for the year 1939. An equal payment was also made into the fund by all officers and employes of your Company. In addition, your Company paid to retired officers and employes \$15,589.28 in excess of the maximum pension allowance of \$120 per month granted by the Railroad Retirement Board. 1,593 retired employes are now receiving pensions under the provisions of the Act. Effective January 1, 1940, payments into the fund by your Company, as well as by all officers and employes, increased to 3%.

Under the Social Security Act, your Company paid to the Government taxes of 3% of payrolls for the first six months of 1939, which amounted to \$290,955.43. So far as Railroad Companies are concerned, the Social Security Act was replaced by the Railroad Unemployment Insurance Act, effective July 1, 1939, and for the last six months of the year 3% of payrolls, or \$306,579.52, was paid to the Railroad Retirement Board.

Equipment Trust Certificates Series "V" 1934, outstanding in the hands of the public, as of December 31, 1939, have been reduced from the original amount of \$5,100,000 to \$3,516,000.

Under the terms of your Company's Plan and Agreement, referred to in the last annual report, bank loans were reduced \$409,000 during the year and Public Works Administration Equipment Repair Notes (owned by the R.F.C.) issued in 1934 and 1936 were reduced from the original \$2,000,000 to \$944,500. In addition, the Company owes the Reconstruction Finance Corporation \$778,000, as referred to in the annual report for 1938.

The balance on deposit with the Railroad Credit Corporation under the Marshalling and Distributing Plan, at the close of the year, amounted to \$323,126.27.

As was stated in the 1938 annual report, your Company holds \$2,164,500 par value of The Lehigh Valley Coal Company's 6% Notes due January 1, 1943, and has guaranteed an additional \$1,953,000 of these Notes held by the public. This guaranty was originally made by your Company in 1893 on bonds which were later reduced in amount and replaced by these Notes. Under the financial readjustment plan of the Coal Company, the Notes held by your Company, together with interest from July 1, 1938, are to be exchanged on January 1, 1943, for the Coal Company's First and Refunding Mortgage Sinking Fund 5% Bonds, Series of 1932, maturing on February 1, 1954. The Coal

Company advised your Company that as of February 9, 1940, 88.1% of the aforesaid 6% Notes had been deposited under the Plan, together with 88.5% of other Coal Company securities involved in the Plan. The Lehigh Valley Coal Company originated, in 1939, on the lines of your Company, 3,406,841 gross tons, compared with 2,966,480 tons in 1938.

Part of the Loyalsock Railroad Company, a subsidiary of your Company (known as the Bowmans Creek Branch) extending from Splash Dam to Lopez, a distance of 12.96 miles, in Luzerne, Wyoming and Sullivan Counties, Pennsylvania, was abandoned, in accordance with certificate of the Interstate Commerce Commission, dated May 15, 1939. No passenger or mail traffic has been handled on the line in recent years and practically no freight traffic was produced by the territory it served. A substantial saving to your Company on future maintenance and operation will result.

During the year 1939, your Company placed in service the following new equipment:

One Diesel-electric switching locomotive, making at the end of the year twenty-four of these locomotives in switching service on your road.

Ten air-conditioned passenger coaches.

Five hundred self-clearing hopper coal cars, 100,000 lbs. capacity.

Three tenders, 20,000 gallon capacity.

To provide better passenger service, a new train was inaugurated between Newark and Mauch Chunk, and improved equipment was installed on other passenger trains. To do this, two engines were modernized and three streamlined and five passenger cars were airconditioned and equipped with improved lighting facilities. In addition, six 3-cylinder type engines were converted to 2-cylinder type in the interest of efficient and economical operation. All locomotives, passenger and freight cars owned by your Company, were adequately maintained during the year, and improved devices added, where more economical operation could be effected.

Mechanical plants for furnishing coal to locomotives were installed at four localities on your railroad. Four tractors and trucks were purchased to facilitate the handling of heavy parts in repairs to engines and much has been accomplished in concentrating the repair and maintenance of all types of locomotives at fewer machine shops. Unnecessary buildings and equipment have been retired in the most advantageous manner possible, thereby saving taxes and maintenance.

Your Company's floating equipment was well maintained during the year and forty-nine pieces of equipment were overhauled and painted at the Marine Shops, Jersey City. Twelve pieces of floating equipment were retired, being unfit for further service. At the close of the year, there were 156 pieces of equipment in service.

Two highway grade crossings were eliminated; improvements were made in signals at six crossings, and standard flashing light signals installed at five crossings not previously protected. Improved automatic signals and interlocking devices were installed at various locations to improve operations from the standpoint of safety. In addition, savings in operation and maintenance were effected. Train dispatching offices were consolidated and telephone lines improved.

The roadbed of your Company was well maintained by installation of 2,549 tons of new rail and 159,678 new creosoted ties. Drainage ditches were provided at several points and seven new tools of various kinds were purchased to facilitate this work. Thirty-one bridges and trestles were repaired during the year.

Two passenger stations were renovated and painted; repairs and extensions were made at freight houses and piers, and coal and ash handling facilities were remodeled.

During the year considerable progress was made toward adjusting outstanding New Jersey taxes which have been in litigation since 1933. The State of New Jersey assessed \$14,621,727 against your Company for the years 1932 to 1939, inclusive. Of this amount, your Company paid \$9,407,604, and the balance of \$5,214,123 is or was in litigation. The suits for the years 1932 and 1933 were decided against your Company. The principal amount of taxes withheld for these two years was \$1,746,402. Arrangements were made to pay these taxes in installments and as of December 31, 1939, \$1,000,000 had been paid. The suits for the years 1934 to 1936, inclusive, were decided against the State of New Jersey by the United States Court for the District of New Jersey. The tax assessments involved in litigation for these years amounted to \$5,458,449, of which \$3,154,208 has been paid, and the District Court granted a permanent injunction against the State from collecting more than 70% of the assessments. The State has appealed this decision to the Circuit Court of Appeals for the Third Circuit. Tax litigation for the years 1937 to 1939, inclusive, involving assessments of \$5,584,189, of which \$2,284,188 is unpaid, is now pending before the Board of Tax Appeals of the State. Judge Forman of the

United States District Court of New Jersey in his findings in the cases for 1934 to 1936, inclusive, made the following statement in reference to New Jersey taxes assessed against the Railroads:

"I conclude as a matter of law that the assessments involved herein are arbitrary, capricious, basically unsound, and so grossly excessive as to amount to constructive fraud."

Your Company, on August 5, 1939, filed its petition for the approval of its Plan and Agreement of August 25, 1938, with the United States District Court in Philadelphia, in accordance with the provisions of the Chandler Act of July 29, 1939. This Act gives the Court power to hear and determine the fairness of and to confirm certain voluntary financial readjustment plans. Your Company's Plan does not involve any considerable readjustment, but provides for a moratorium in respect of the payment of a portion of the interest on its General Consolidated Mortgage Bonds. It also provides for the extension of bank and Reconstruction Finance Corporation loans and for the extension for ten years of three mortgages, viz: Pennsylvania and New York Canal and Railroad Company (Pennsylania corporation) for \$8,500,000, which matured on April 1, 1939; The Lehigh Valley Rail Way Company (New York corporation) for \$15,000,000, which matures July 1, 1940; and Lehigh Valley Terminal Railway Company (New Jersey corporation) for \$10,000,000, which matures October 1, 1941. Hearings have been held and adjourned until March 15, 1940, in order to give the Company an opportunity to settle the New Jersey tax litigation.

The Black Tom Explosion case, before the Mixed Claims Commission, involves your Company's efforts to secure damages from the German Government on account of the destruction of its terminal at Black Tom, Jersey City, N. J., on the night of July 30, 1916. The Mixed Claims Commission is an international tribunal organized by Germany and the United States for the purpose of the settlement of claims. The Black Tom case has been in litigation since 1924 and the Commission rendered three unfavorable decisions. On October 30, 1939, the Commission, upon presentation of a large amount of additional evidence, entered an award in favor of your Company for \$9,900,322, with interest for various periods. This award was promptly certified by the Secretary of State to the Secretary of the Treasury for payment. Almost immediately litigation, which is now pending, was started by certain interests to prevent its payment. The United States District Court decided against the plaintiffs and they have appealed to the Court of Appeals. In the meantime, the Treasury Department

has not paid from German funds, held for that purpose, any portion of the award. There are not sufficient funds on deposit in the Treasury Department to pay the entire award with interest but your Company should receive approximately \$9,900,000, less law fees and expenses. At the request of your Company, the fees are to be fixed by the American Commissioner of the Mixed Claims Commission, as provided by the statute.

The Federal Income Tax case for 1920-1927, inclusive, against your Company, was tried before the United States Board of Tax Appeals in December, 1936, and April, 1937. The Government claimed deficiencies, including interest, of approximately \$4,000,000. The Board's opinion was handed down August 8, 1939. Your Company's attorneys interpret the opinion as defeating the deficiencies claimed and enabling your Company to recover a refund in excess of \$100,000. While the matter cannot be regarded as finally settled, nevertheless the Board's opinion, which was unanimous, removes the danger that your Company might be compelled to pay out any large sum in satisfaction of this claim.

Early in the year, the President, Mr. D. J. Kerr, became ill and was granted a leave of absence. His health did not improve sufficiently to enable him to return to his duties. Mr. Kerr was retired and as of January 16, 1940, designated President-Retired.

Effective August 1st, Mr. A. N. Williams was elected Chairman of the Board, Executive Vice President and Director. At the annual meeting of the stockholders of your Company, January 16, 1940, Mr. Williams was elected President of the Company. The positions of Chairman of the Board and Executive Vice President have been abolished. At the same meeting, Mr. R. W. Barrett, Vice President and General Counsel, was also elected a Director.

The loyal and efficient service rendered by officers and employes is appreciated and acknowledged with the thanks of the management.

For the Board of Directors,

A. N. WILLIAMS,

President.

GENERAL BALANCE SHEET

	CHILLIAN D	ALANCE SHEE
ASSETS		
INVESTMENTS:		
In road(See note below)	020 105 100 00	
In equipment(See Note Below)	56 171 460 96	
	30,171,469.86	
*		\$95,296,593.68
Improvements on leased railway property		0.919.0177.40
Deposits in lieu of mtgd. property sold		10 700 00
Miscellaneous physical property		139,749.46
Investments in affiliated companies: Stocks		
Bonds		
Notes		
Advances	125,000.00	***************************************
	9,014,414.15	
Other investments:		105,371,744.94
Stocks		
Bonds Miscellaneous	2,225,715.75	***************************************
miscerianeous	482,817.87	
		3,254,302.74
Total investments		
	********************	\$206,386,208.31
CURRENT ASSETS:		
Cash	\$3,928,497.88	
Special deposits Loans and bills receivable	206,386.51	
Traffic and car-service balances receivable	2,662.64	
Net balance receivable from agents and	1,101,683.04	
conductors	000 070 97	
Miscellaneous accounts receivable		***************************************
Material and supplies	2.408.342.53	***************************************
Interest and dividends receivable	16.054.91	***************************************
Rents receivable.	39,645.03	
Other current assets	63,129.12	
Total current assets		
		10,107,668.72
DEFERRED ASSETS:		,
Working fund advances	\$116,150.41	**************************
Insurance and other fundsOther deferred assets	185,911.06	***************************************
Other deferred assets	324,065.68	
Total deferred assets		
		626,127.15
NADJUSTED DEBITS:		
Rents and insurance premiums paid in		
advance	\$24,493.09	***************************************
Other unadjusted debits	2,154,600.59	***************************************
Total unadjusted debits		2,179,093.68
TOTAL ASSETS		
TOTAL ASSETS		\$219,299,097.86

Note:—The item Investment in Road represents only road property of Lehigh Valley Railroad Company proper (Phillipsburg, N. J., to Wilkes-Barre, Pa.). The total road and equipment investment of the system, including transportation subsidiaries, owned by your Company, is \$247,594,954.55.

DECEMBER 31, 1939

LIABILITII	ES	
Ѕтоск:		1
Common stock	000 501 501	
ricierred stock	1 1 2 1/2 1 1 1 1	0
Total stock outstanding Grants in aid of construction	24,700.0	0
Grants in aid of construction		\$60,526,400.0
		5,944.0
Long-Term Debt:		
Funded debt	\$117.936,000.00)
Tunuel dent hold in thoograms and		
pledged	28,000,000.00)
7	00 000 000 00]
Equipment Trust Certificates Series V	3 516 000 00	
Tubic Works Administration T	3,010,000.00	/
	944 500 00	
	778,000.00	
- TO A MICE VIGIDIE DENT TO A MILIOTAR OF I	***************************************	***************************************
panies	926.851.64	***************************************
Total long-term debt outstanding		96,101,351.64
CURRENT LIARILITIES:		30,101,331.64
Loans and hills naveble	QT 401 000 TO	
Trailly and caregorytes holomose	\$1,491,666.70	
Trudited decelling and wagger passents.	9 202 405 24	
	736 506 60	
THICK CSI, IIIXIJITEN IINNOIN.	415 031 60	
	285.894.37	
Unmatured rents accrued.	503,349,99	
Other current liabilities.	332,988.29	***************************************
Total current liabilities		19 749 190 71
DEFERRED LIABILITIES:		12,130,143.11
Equipment purchased on installments	\$9.74C FOC F4	
Deletieu Interest (Janara) Consella	φ4,140,006.54	••••••
MULISASE RUNGS	3 895 845 70	***************************************
Diale of New York grade gradein - 11.	0,000,010.10	
	1,020,087,16	***************************************
Other deferred liabilities.	12,473.50	***************************************
Total deferred liabilities		7,674,912.99
A ADJ USTED CREDITES.		1,014,312.33
Tax liability.	\$9 299 CC1 770	
	75,000,00	
Accrued depreciation—Equipment	24,321,685.14	
physical Miscellaneous	-1,021,000.11	
physical property.	50,441,42	
Other unadjusted credits	2,261,956,24	•••••••
Total unadjusted credits		29,031,744.53
MICHATE SURPLING.		20,001,111.00
Additions to property through in		
	\$191 597 71	
Profit	13,019,027.28	***************************************
Total corporate surplus		12 210 614 00
TOTAL LIABILITIES		13,210,614.99
NTINGENT LIABILITIES:	\$	219,299,097.86
Lehigh Valley Coal Co cor Material		
		01 050 000
New Jersey taxes—not accrued		\$1,953,000.00
	***************************************	\$5,110,107.00

INCOME STATEMENT For the Years Ended December 31, 1939 and 1938

			INCREASE
	1939	1938	OR
			Decrease
AVERAGE MILES OF ROAD OPERATED	1,282.69	1,298.63	15.94
OPERATING REVENUES:			
Anthracite coal freight revenue	\$13,687,146.37	\$13,575,396.38	\$111,749.99
Bituminous coal freight revenue	1,042,371.29	987,472.04	54,899,25
Merchandise freight revenue	25,698,539.75	21,866,879.76	3,831,659.99
Passenger revenue	2,216,171.15	2,187,218.23	28,952.92
Mail revenue	291,970.85	288,588.15	3,382.70
Express revenue	329,405.06	256,913.95	72,491.11
All other revenues	2,093,382.34	2,067,674.67	25,707.67
Total Operating Revenues	\$45,358,986.81	\$41,230,143.18	\$4,128,843.63
OPERATING EXPENSES:			
Maintenance of way and structures	\$3,031,897.36	\$2,288,356.45	\$743,540.91
Maintenance of equipment	7,924,052.64	8,070,910.40	146,857.76
Traffic expenses	1,313,055.59	1,331,442.70	18,387.11
Transportation expenses	19,058,643.07	18,190,874.82	867,768.25
Miscellaneous operations	230,278.49	216,915.23	13,363.26
General expenses	1,235,923.11	1,417,802.78	181,879.67
Transportation for investment—Cr	1,604.37	2,100.13	495.76
Total Operating Expenses	\$32,792,245.89	\$31,514,202.25	\$1,278,043.64
NET OPERATING REVENUE	\$12,566,740.92	\$9,715,940.93	\$2,850,799.99
DEDUCTIONS FROM REVENUE: Railway tax accruals	\$3,015,183.99	\$3,514,746.53	\$499,562.54
Equipment rents—net	2,292,805.87	2,113,186.33	179,619.54
Joint facility rents—net	109,425.32	181,559.21	72,133.89
NET RAILWAY OPERATING INCOME	\$7,149,325.74	\$3,906,448.86	\$3,242,876.88
OTHER INCOME:			
Misc. non-operating physical property	\$28,267.24	\$31,657.92	\$3,390.68
Separately operated properties-profit	102,987.82	62,909.64	40,078.18
Dividend income	28,728.04	75,770.74	46,942.70
Income from funded securities Income from unfunded securities	444,849.87	485,313.51	40,463.64
and accounts	11,998.97	38,182.95	26,183.98
Miscellaneous income	179,655.99	185,343.38	5,787.39
Total Other Income	\$796,487.93	\$879,178.14	\$82,690.21
Total Income	\$7,945,813.67	\$4,785,627.00	\$3,160,186.67
DEDUCTIONS FROM INCOME:			
Rent for leased roads	\$2,644,463.48	\$2,653,755.16	\$9,291.68
Miscellaneous rents	295,660.38	294,433.98	1,226.40
Miscellaneous tax accruals	236,788.92	241,782.73	4,993.81
Separately operated properties-loss		1,534.76	177.27
Interest on funded debt		4.382,329.34	129.656.00
Interest on unfunded debt	356,083.25	185,511.19	170.572.06
Miscellaneous income charges		306,892.95	89,904.95
Total Deductions from Income	\$8,004,369.40	\$8,066,240.11	\$61,870.71
Total Deductions from Income	\$6,004,303.40	40,000,=10111	

1939
31
December
Debt.
Funded
oę
Statement

Statement of Funded Debt, December 31, 1939		MATURITY OR PLEDGED PUBLIC RATE PAYABLE		10,062,000 6% June and Dec.	Sent. 30, 1903 May 1 2000 (25,238,000 4%% June and	24,400,000 19,00	Various 1 2000,000 0% and and	Dec. 14, 1934 amounts semi- sannually to Feb. 1, 1951 and Aug. 147,253.34	(\$111,000 semi-)	ತ	30, 1938	1, 1906 Feb. 1, 1956 2,600,000	0/1
Statement of Funde				Nov. 13, 1873 {	Sept. 30, 1903	***	Va	14, 1934		Silous	30, 1938	1, 1906	
	DESCRIPTION	LEHIGH VALLEY BATTERIN GOTT	First Mortgage Bonds	Consolidated Mortgage Bonds	*General Consolidated Mortgage Bonds		Constitution of the second	Equipment Trust Certificates Series V	P.W.A. Equipment Repair Notes	Reconstruction Pinence Commence	CONSOLIDATED REAL ESTATE COMPANY:	Tital Moligage Bonds	

* Amount of authorized Issue, \$150,000,000. TExcludes interest on securitles pledged.

	Guaranties	Guaranties and Kentals, December 31, 1939	ecember 31,	1939			
FIRST MORTGAGE GUARANTES	DATE OF	DATEOF	IN TREASURY	IN HANDS OF		GUARANTIES AND RENTALS	RENTALS
	TRROE	MATURITY	OR PLEDGED	PUBLIC	RATE	PAYABLE	ACCRUED DIRECTOR VEAD
Penna. & N. Y. Canal & R. R. Co., Consol	Nov. 13, 1888	April 1, 1949		4,000,000	5%	and	1
Lehigh Valley Terminal Ry. Co.	ť.	Oct. 1,	1,000	3,000,000	44 ro	Apr. and Oct.	120,000.00
The Lehlgh Valley Rail Way Co	î-ie	Feb. 1,	125,000		204	and	
Lehigh-Bflo. Terml. Ry. Corp'n. Middlesex Valley Railroad Co.	Nov. 1, 1916	July 1, 1940 Nov. 1, 1966	5.000.000	15,000,000	122	and	
Rochester Southern R. R. Co.	7,7	Nov. 1,	422,000	178,000	101 101 101	and	
The Lehigh & Lake Erle R. R. Co.	-î-	Feb. 1,	500,000		010 %%	and	
Lehigh & New York R. R. Co.	ژ ښار	Feb. 1, 1		3,000,000,01	12 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	and	
Total	24,	Sept. 1, 1		2,000,000	%	and	_
RENTALS-LINES NOT OWNED.			\$6,823,000	\$48,677,000			65
Rantan Terminal and Thomas L. C. L. Corp.	. L. Corp						00:00:00:00:00:00:00:00:00:00:00:00:00:
New York Central Rallroad Co							\$12,061.29
Total Interest and Rentals							17,201.76

2,000.00 17,201.76 11,950.43 \$2.644,463.48

Operating Statistics for the Years Ended December 31, 1939 and 1938

	1939	1938	INCREASE OR Decrease	PER CENT.
TRAIN AND LOCOMOTIVE MILEAGE				
Revenue freight train miles—locomotive Revenue passenger train miles—locomotive Revenue milk and express train miles—	3,680,826 1,482,671	3,373,515 1,379,138		
locomotive	597,492	626,269	28,777	4.59
motive	5,760,989	5,378,922	382,067	7.10
Revenue freight train miles—motor	9,292 480,305	9,416 539,979		1.32
Total revenue service train miles—	400 505	F 40 00F		
Total revenue service train miles	489,597	549,395	59,798	
Helping and light freight locomotive miles	6,250,586	5,928,317	322,269	
Helping and light passenger locomotive		883,632	140,843	15.94
miles	226,331	209,521 871	16,810 87 <i>1</i>	8.02 100.00
Total revenue service locomotive miles, ex- cluding switching and motor	7,011,795	6,472,075	539,720	8.34
Switching locomotive miles	4,124,568	3,746,934	377,634	
Switching motor miles Total revenue service locomotive miles,	4,658	5,502	844	
excluding motor	11,136,363	10,219,009	917,354	8.98
Non-revenue service locomotive miles	174,063 1,781 17.84	165,799 13,444 16.89	8,264 11,663	4.98 86.75
CAR MILEAGE		10.00		0.0
Freight car mileage—empty. Freight car mileage—empty. Freight car mileage—caboose	150,132,439 78,887,985 3,801,179	133,772,549 71,683,758 3,518,910	16,359,890 7,204,227 282,269	$\begin{array}{c} 12.23 \\ 10.05 \\ 8.02 \end{array}$
Total freight car miles	232,821,603	208,975,217	23,846,386	11.41
Average number of all freight cars per train Per cent. loaded of total car miles Passenger car miles—including Pullman Baggage, dining, mail, express and milk car	63.09 64.48 9,871,852	61.77 64.01 9,676,949	1.32 .47 194,903	$\begin{bmatrix} 2.14 \\ .73 \\ 2.01 \end{bmatrix}$
miles	11,306,055	11,021,919	284,136	2.58
Total passenger car miles	21,177,907	20,698,868	479,039	2.31
Average number of passenger train cars per passenger train	8.27	8.13	.14	1.72
GROSS TON MILES AND TRAIN HOURS				
Gross ton miles excluding locomotives (thousands)	9,364,083	8,341,547	1,022,536	12.26
Total freight train hours (thousands)	198,496	184,502	13,994	7.58
Gross ton miles per train hour	2,569 47,175	2,491 45,211	78 1,964	3.13 4.34

Traffic Statistics for the Years Ended December 31, 1939 and 1938

	1939	1938	INCREASE OR Decrease	PER
Average miles of road operated	1,282.69	1,298.63	15.97	1.2
FREIGHT TRAFFIC				
Tons of revenue freight carried	21,489,749	19,005,655	9 494 004	40.00
Ton miles revenue freight	2 999 120 505		-,,	
Miles per revenue ton	100.05	, , , ,		į.
rreight revenue	\$40 499 057 49		170	
Revenue per ton	64.00	\$1.92		
Revenue per ton mile—cents	1.041	1.058	0.0.7	
Tons of rev. freight nor revenue		1.000	.017	1.61
Average number of tong of all	1,052.03	1,017.45	34.58	3.40
freight in each loaded car	26.77	26.43	.34	1.29
Passenger Traffic				
Revenue passengers carried	960,213	968,173	7,960	.82
шпе	111,397,844	106,306,095	F 004 F 40	
Verage distance carried—miles	116.01	109.80	5,091,749	4.79
tevenue from passengers	\$2,216,171.15	\$2,187,218.23	6.21	5.66
tevenue per passenger.	\$2.31	\$2,101,210.23	\$28,952.92	1.32
evenue per passenger mile-ota	1.99	2.06	\$.05	2.21
assenger service train revenue	\$3,539,638.87	\$3,466,394.49	.07	3.40
verage revenue passengers per car		φο,400,534.49	\$73,244.38	2.11
Verage revenue naggangong non	11	11	•••••••••••••••••••••••••••••••••••••••	
train (including mixed)	57	55	2	3.64
REVENUES AND EXPENSES				
perating revenues	\$45,358,986,81	\$41,230,143.18	\$4 199 849 00	4000
e crating expenses	000 F00 04= 001		\$4,128,843.63 \$1,278,043.64	10.01
et operating revenue	\$12,566,740.92			4.06
Derating ratio	72.29%	76.43%		29.34
	70	10.40%	4.14%	5.42

Additions and Betterments, Entire System, Year Ended December 31, 1939

	EXPENDITURES		
	AND	RETIREMENTS	NY
		RETIREMENTS	NET AMOUNT
	CHARGES		
Engineering	\$7,372.87	\$14,423.79	67 050 00
Land for transportation purposes	10,051.58	98,327.88	
Other Right-of-Way—Expenditures	10,001.00	649.76	,,.
Grading	211,554.57	74,114.98	
Bridges, trestles and culverts	116,496.83	67,595.73	
Ties	16,876.05	18,852.45	
Rails	19,868.09	173,080.68	1
Other track material	125,950.09	64,538.51	,
Ballast	53,609.02	22,521.16	
Track laying and surfacing	47,507.36	100,411.11	52,903.75
Fences, snowsheds and signs	235.01	931.59	,
Station and office buildings	14,445.39	114,198.13	
Roadway buildings	3,406.78	8,876.13	,
Water stations	13,573.13	35,234.87	21,661.74
Fuel stations	50,740.75	16,199.57	34,541.18
Shops and engine houses	61,992.98	414,348.32	352,355.34
Wharves and docks	29,576.67	777.30	28.799.37
Coal and ore wharves	25,638.70	111.00	25,638.70
Telegraph and telephone lines	6,994.87	15,128.84	8.133.97
Signals and interlockers	26,572.03	96,391.58	69,819.55
Power plants	137.06	68.89	205.95
Power transmission systems	520.24	7,931.99	7,411.75
Roadway machines	19,938.31	15.321.40	4.616.91
Public improvements—construction	83,890.30	6,698.58	77,191.72
Shop machinery	100,965.09	134,589.03	33.623.94
Power plant machinery	10,830.79	4,274.02	15,104.81
Steam locomotives	279,400.52	914,751.60	635,351.08
Other locomotives	65,095.31	314,731.00	65,095.31
Freight train cars	1,221,871.58	1,519,237.25	297,365.67
Passenger train cars	556,668,98	273,259.59	283,409.39
Floating equipment		222,010.76	222,010.76
Work equipment	45 995 70	58,749.35	13,523.65
Miscellaneous equipment	18,512.06	14,098.69	4,413.37
General expenditures	1,346.18	531.61	814.57
Total	\$3,198,286.59	\$4.506.697.94	21 200 101 25
	φυ,190,400.09	\$4,506,687.84	\$1,308,401.25

Classification of Tonnage for the Years Ended December 31, 1939 and 1938

	1939)	1938	3
Commodities	Tons	PER CENT.	Tons	PER CENT.
Products of Agriculture Animals and Products Products of Mines Products of Forests Manufactures and Miscellaneous	481,486	2.24 55.93 1.48	250,156	2.44 58.43 1.32
Grand Total, Carload Traffic	21,194,038	98.62	18,753,990	98.68
All L.C.L. Freight	295,711	1.38	251,665	1.32
Grand Total Carload and L.C.L. Traffic	21,489,749	100.00	19,005,655	100.00









1939